

GAZOPHYLACII
NATURÆ & ARTIS
DECAS SECUNDA:

In quâ ANIMALIA, FOSSILIA, PLANTÆ,
Omniaque Rationa ARTE producta

DESCRIPTIONIBUS brevib⁹, & ICONIBUS illustrantur.

A JACOBO PETIVER, Pharmacop. LONDINENS.
& REGIÆ SOCIETATIS Socio.

GAZOPHYLACII NATURÆ
& ARTIS, TAB XL

FIG. 1. Lichen MADRASPATANUS *Algoides*, marginibus verrucosis.

2. *Luffa* MALABARICA reticulata, fructu decorticato. This is the peel'd or decorticated Fruit of the PICINNA Hort. Malabar. Vol. 8. Tab. 7. pag. 13. I have given the Synonyms and Vertues of it in the Philosophical Transactions, N° 277. p. 1061. pl. 239. My worthy Friend Mr. Edward Bulkley, Surgeon at Fort St. George, procured me this from Persia.

x 3. *Cochlea oblonga* striis flavicantibus nigris.

4. *Nerita* BARDADENSIS instar pluma eleganter maculata. This is a very beautiful Shell, and varies much in Colour and Spots.

B

5. *Buccina*

3. *Buccinum* MADARASPATAN. edentulum, è nigro albocinctum.
- X 6. *Plan-orbis* pulchre undata, ventre elato albido. *an Trochilus planus subfuscus* opere quodam vermiculato, ex toto depictus *Liss. Hist. Conchyl. lib. 4. Sect. 8. Tab. 691. Fig. 248.* Given me by my Curious Friend Dr. Robert Gray.
7. *Myrtus* GUINEENSIS *Epimespili* folio.
8. *Papilio* Luzonicus maximus nigrescens, maculis coccineis subtus perbelle notatus S. B. 6. 6. seu *Act. Philosoph. N° 277. p. 1066. 6.* where you may see it described. This is a large and very beautiful Insect, and is distinguished from others by its deep Scarlet spots which in the Figure are express'd in White.
- X 9. *Papilio* minor fuscus, subtus striatus. *The Hair-Streak.* This being brown both above and below, perhaps differs only in Sex from Mr. Ray's Purple Streak *Mus. nestr. 219.* which is purple above and much paler than this beneath.
- X 10. *Papilio* minor fuscus, duplici lineâ inferne præditus. *The brown double Streak.* This and the last are very rare Flies, I first saw them in Mr. Sam. Dales Collection of Insects.
- X 11. *Papilio* minor fuscus, campo aureo, lineâ geminâ subtus ornatus. *An Hoef. Tab. 12. Fig. 1. The Golden brown double Streak.* This and the last may be Male and Female. Caught by my Neighbour Mr. Benj. Harris, Aug. 31. 1702. in the Hall near Craydon.
12. *Ornithopodium* MADRAS PAT. *Bupleuri* folio. Mr. Edm. Bullock sent me this with Fig. 12 and several other Curious Plants; with Shells, Insects, &c. from Fort St. George.

To His Grace HENRY Duke of BEAUFORT, This Table is humbly dedicated by JAMES PETIVER,

Printer at the Sign of the Gun, in St. Dunstons Church-yard, near the Temple.

Printed and Sold by J. Sturges, at the Sign of the Gun, in St. Dunstons Church-yard, near the Temple.

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GAZOPHYLACHI NATURÆ & ARTIS, TAB. XII.

FIG. 1. *Proscarabeoides CAPENSIS*, singularis, pedibus plumosis. This very odd Insect with Fig. XI. I copied from Dr. Sberard's Cape Paintings. The Legs, Head, Shoulder and Sides are of a Fleshy colour, the middle of the Back yellow.

A. 2. *Tesudinaris HAMSTEDIENSIS* tetramaculatus. I never observed this but once, and that in Cainwood near Hamstead.

3. *Tagetes CHINENSIS* fol. undulatis, fl. duplici, rad. Cordiali. Herb. nost. Chin. Tab. 27. Fig. 3. This is that wonderful Plant which our Curious Friend Mr. James Cuninghame mentions in the Philosophical Transactions N^o 280. pag. 102. and says the Chinese value it from Ten Tael to one or two thousand a single Root according to its bigness: Each Tael is reckoned at about 6 s. 8 d. By drinking its Infusion for some time they assert it prolongs Life, and turns Grey Hairs into Black. An odd Tradition of its first Discovery is related in the aforesaid Transactions, to which I refer you.

4. *Auris INDICA* non perforata.

5. *Bombylus LUSITAN.* è nigro cœrulescente: Mr. Jezreel Jones brought me this amongst many other Curious INSECTS which he had observed about Lisbon.

6. *Scarabeus impennis rotundior CAPENSIS.*

7. *Concha Veneris parva*, undata, apicibus purpureis bima-
culata.

8. *Papilio SURINAMENSIS* ex aurantio nigro luteoque mixtus. I first received this from Dr. Ruysch, and since from Minheer Levinus Vincent, two very curious Persons at Amsterdam.

9. *Accipitrina LIVORNICA* perbelle striata. I first received this from Legorn, since which my kind and worthy Friend Mr. Jez. Jones brought it me from Lisbon, he caught it flying about a Candle in October 1698. its Eyes, whilst alive, are like Rubies. It frequents the *Jasmin* Flowers.

10. *Papilio è fusco & albo eleganter mixto*, à Promontorio Tricuspido. Caught at Cape tres puntas on the Coast of Guinea by Mr. Skeen, Surgeon.

11. *Araneoides CAPENSIS fasciata, lutescens, pedibus è nigro maculatis.* The Body whitish, but the swatches about it, and the Legs yellow, the last spotted with black.

12. *Grus CAPENSIS caudà cristatà.* The Bill of this beautiful Crane is partly yellow, his Crest and Eye-lids Red, that part of his Head above and below his Eyes blue, as are the edges of the Feathers on his Body, the rest White, the Feathers of his Tail, (if rightly painted) are alternately Red and Blue.

To Mr. ROBERT ANTROBUS of Peter-House in CAMBRIDGE, This Table is humbly Dedicated by JAMES PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XIII.

X FIG. 1. *Papilio JAMAICENSIS è fusco lutescente, sub-tus virescens croceo mixtus, NOBIS. Baker Insect. Tab. 1. Fig. 8. Dorf.*

2. *Scorpio JAVANICUS major pilosus, è nigro cærulecente splendens, NOBIS. Scorp. Zeylanicus niger maximus Mus. Sibhald. Sc. 116. Indicus niger, magnitudine Cancrum fluviatile æquans Mus. Leyd. 144. id. min. 56. Ghoniffa Zeylon: an S. è Barbaria Moff. 205. Fig. 204. & append. p. 330. ad cap. 10. id. A. 1049. an Sc. de Tunis Mus. Cospien.*

The accurate Swammerdam in his *Curious History of Insects* edit. Lat. p. 147. Tab. 6. gives a Figure of one somewhat like this, but bigger, and seems particularly to differ in having but three joints in the Tail, and ours five or six as the lesser have.

Bontius in his *Hist. Natur. & Medic. lib. 5. cap. 4. p. 56.* seems to mention this, where he says *Scorpiones quoque copiosos & grandes fert hæc India (i. e. Java) vidi enim qui partem quartam ulnæ implerent, coloris è nigro cyanei & splendescente, which Shining and Colour this has.*

Mr. Charlton, that late most Curious Preserver of all Natural and Artificial Rarities, was pleased to give me this amongst other Curiosities, since which Mr. Bulkley hath sent me them from Fort St. George, and Mr. Ed. Barta from the Coast of Guinea.

3. *Scolopendra CAPENSIS major lutescens, caudà longiore.*

4. *Lichen viridis foliis dense stipatis, extremitatibus bifidis vel trifidis. Observed about Tunbridge.*

5. *Scarabæus ALEPENSIS pilosus viridis, lineis albicantibus punctatis. Brought me from Scanderoon by Mr. Sam. Daniel, Surgeon, who caught it Apr. 28. 1690.*

6. *Scarabæus GALLICUS è nigro croceoque mixtus, f. Cruciatius minor. This Dr. David Kriegh observed about Paris.*

7. *Locusta-Talpa CAPENSIS pedibus longis. This comes next of Kind to our Gryllo-Talpa, or Mole Cricket. but its Feet are longer; and the Body partakes more of a naked Locust, or large Grasshopper. Its painted with a mixture of Ash and Dark, or dirty Colour.*

8. *Tellina MADRASPATANA fasciata & undata. an Tellina latior fasciata & undata quadam pictura conspicua List. H. C. l. 3. Tab. 378. Fig. 221.*

A. 9. *Scarabeolus niger nostras supra aquam velociter circumnans. The Water-Flea.*

I observe this very common all Summer in most Ditches and grassie Ponds about London; it swims on the surface of the water very swiftly in quick turnings, and somewhat circular motions, generally several together.

10. *Vespa VIRGINIANA impennis ex nigro rubroque mixta. Act. Phil. N^o 271. p. 308. This wingless Wasp I have had from Virginia, Maryland, and Carolina.*

11. *Cercopithecus LUZONIS minimus D. Camel. Magu vel Booot Indorum. This feeds on the Prickly Pear, and other Fruit, it rarely appears in the day time, whence its thought to be dim-sighted. When it suckles its Young, it ties it to its Body, as exprest in the Figure, with the twigs of a twining Plant call'd Pamago.*

12. *Nerita JAMAICENSIS ex albo nigroque tessellatus. an Nerita profunde sulcatus ex albo nigroque variegatus paucis & exiguis dentibus ad columellam, ad rostrum multis & longa diductis List. H. C. l. 4. S. 6. Tab. 397. Fig. 9. This pretty Shell is frequent on the Shores of Jamaica and Barbadoes.*

To Mr. JACOB BOBART, Botanick Professor of the Physick Garden in Oxon, This Table is humbly Dedicated by JAMES PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS. TAB. XIV.

FIG. 1. *Asplenium PHILIPPENSE*, foliis aduncis, viminibus adnascens. *Polypodium falcatum Camell.* *Bocallas Indis.* This adheres to Trees by its hoary fibres, as our *Virginia Creeper* does to Walls by its tendrels.

A. 2. *Numisma* Inaugurale ANNÆ REGINÆ Magnæ Britannię.

A. 3. *Phalena minor nostras fulva*, alis limbo nigro insignitis. I never but once observed this Moth, viz. May 3. 1696. in a Broom-Field by Sir William Hick's Wood, beyond Hackney Marsh.

A. 4. *Musca oblonga nostras nigra.* Found about Hedges in April and May.

5. *Phalena plumata MARIANA*, caudata, virefcens, oculata Mus. PETIVER. 733. I first received this elegant Moth from Maryland, and have since seen it from Chusan. The Reverend Dr. Lewis hath also sent it me from Fort St. George.

A. 6. *Lichen arboreus albescent*, segmentis cornigeris, subtus aterrimus. This was first sent me from Norway. I have since observed it about Tunbridge in two or three places.

A. 7. *Cimex niger nostras*, albo maculatus. an List. in Goed. app. Tab. 3. Scarab. Angl. Fig. 8? I have met with this in the Spring on sunny Banks.

8. *Lacerta MARIANA undata*, subtus cœrulea. This is a rough scaled Lizard, with blackish waved lists on the Back, and blue on the Chin, and each side of the Belly, sent me from Maryland.

A. 9. *Papilio oculis nigris*, subtus marmoreus Mus. PETIV. 307. The Tunbridge Grayling. Very rare about London.

x 10. *Trochus fasciis verrucosis*, è rubro albo nigroque alternatim perbelle distinctus. an *Trochus dentatus ruber nigris puncturis seriatim distinctus* List. H. C. 1. 4. S. 8. Tab. 637. Fig. 25. an *Cochlea Pharaonia Piscatoribus Maris Rubri* Mus. Cospian: Bonan. 141. Fig. magn. p. 222. 3. per Microscop. auct. an *Umbilicus varius Rond.* aq. 104. c. 39. Fig. id. Gall. 70. c. 23. Venus Bugle.

A. 11. *Papilio croceus*, apicibus nigricantibus. *Papilio* 3. Moft. 100. Fig. Dor. & Lat. id. A. 968. Jonsf. Insect. p. 41.

p. 41. Tab. 6. Fig. 3. *an* Hoef. Tab. 9. Fig. 6. *The Saffron Butterfly.* I have observed this formerly, but 'tis uncommon, and rarely met with.

12. *Buceros max. Rhinocerotis niger, BORNEACUS.* *an Scarabeus Buceros Nasicornis r. Huang Luzon: Cameli.* This elegant large Beetle, Mr. John Rance Surgeon brought me from the *Island of Borneo.*

To Mr. CHARLES DU BOIS Treasurer of the EAST-INDIA Company. This Table is humbly dedicated by JAMES PETIVER, F. R. S.

GAZOPHYLACHII NATURÆ & ARTIS, TAB. XV.

* FIG. 1. *Libella MARIANA media compressa, corpore coerulescente, nubibus latis medio alarum.* This and the next the Reverend Mr. Hugh Jones sent me from MARYLAND.

* 2. *Libella MARIANA media, corpore flavescente, tribulata.* I take this, and the last to be Male and Female.

3. *Byssus aureus DERBIENSIS humifusus.* This elegant sort of Moss my Hearty Friend, Mr. James Ayrey, found in the Peak of Derby, in a Lane joining to the Field where the marvellous Stones are, about two Miles from Eldenhole on the way from thence to Buxton Wells.

4. *Fungellus gramineus NORTHAMTONIENSIS.* Dr. Sloan observed this little Mushrooms springing from the Leaves of dead Grass, about September last, on Shepherds-Hill near Althorp, the Seat of the Earl of Sunderland in Northamptonshire.

5. *Concha Veneri affinis, albus, medio annulosus.* *Concha utroque latere se colligens exotica Col. Purp. c. 20.* Fig. p. 30. *Concha cujus medio velut annulus circumjicitur, Liss.* H. C. l. 4. S. 9. Tab. 711. Fig. 64. *an Bonan. 145. Fig. 249. s. p. 162. Fig. 339 ? Common in Jamaica & Barbadoes.*

6. *Lacertus GUINEENSIS major, verruculis nigris albisque, ventuste obsitis.* A harmless and very beautiful Lizard found in Guinea where they call it Pompon: This, with many other Curiosities, was presented me by Mr. Richard Planer Surgeon.

7. *Cicada TURCICA media.* Mr. Sam. Davis Surgeon, observed this in Chio and the Neighbouring Isles, where they are common on Trees, and frequently singing.

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X 8. *Nerita JAMAICENSIS* alba, parva, striis castaneis. *an Nerita exiguus nigrolineus, ore subcroceo. List. H. C. l. 4. S. 6. Tab. 805. Fig. 31?* *This my Honoured Friend Dr. Sloan was pleased to give me with some other Jamaica Shells.*

9. *Papilio CAROLIN.* Aurantiacus, maculis albis, limbis & venis nigris, fasciæque singulari ala inferiori cincta. *The discovery of this elegant Fly is owing to Madam Williams, who caught it in her own Settlement in Carolina.*

A. 10. *Scolopendra parva terrestris tardipes, juncturis bipedibus.* *I observed this in March 1696. under Moss in the shady places of my Lord Wotton's Grove in Belfse Hamstead.*

11. *Rhombus fasciis ex albo nigroque catenatis, an Rhombus cylindro-pyramidali, lineis ex rufo alboque interjectis circumscriptus, clavicula paululum exerta List. H. C. l. 4. S. 10. Tab. 763. Fig. 12?*

X 12. *Papilio LIVORNICUS* supernè nigrescens, inferne aureus, fascia alba utrinque insignitus. *The White Legorn Admiral. Mr. Robert Barklay, Surgeon, brought me this first from Legorn, since which it was caught in London by Mr. Bonarvert.*

To Mr. RICHARD DYER, Fellow of ORIEL College in Oxon, This Table is humbly Dedicated by JAMES PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XVI.

FIG. 1. *Radix VIZIAGAPATANA*, fusca, sulcis rhomboidibus *Telle Molle dicta.* *Mr. Edward Bulkley sent me this odd Root from Vizagapatana. It's said to be good against the stinging of Serpents.*

A. 2. *Gemma Turcica in Hematite sculpta.* *This was brought from Smyrna and procured me by my kind Friend Mr. Job Mathews. It represents an Old Man reaping Corn.*

3. *Unguis MADRAS PAT.* fuscus, striatus, subtus rubicundus. *This Figure shews the inside which is of a bluish red, the outside is brown, and finely striated.*

4. *Tavaracare MALABAR.* fl. albo, folio *Nerji* latiore, *NOBIS.* *Manga* fructu venenato, officulo cordiformi, nucleo gemino *Raii H. Pl. 1552. c. 20. Odallam Malab. Uro Bram. Hort. Mal. V. 1. Tab. 39. p. 71. Fl. Mal. 192. 1. id. Fol. I cannot believe with Dr. Syen the Commentator of this first Ve-*

lumn, that this is the wild or Poyson Mango as he asserts; for had it that deadly quality the experienced Malabars would have found it out, which they take no notice of.

5. Tavaracare MADRASPAT. minor, cortice tenuissimo. This is a smaller sort of Coccus de Maldiva found on the shores of Fort St. George and sent me thence by the Reverend Dr. Lewis. I take this to be the Fruit of the last Tree, the Description of it in the Hort. Malab. cited under Fig. 4. very much agreeing with it. I should be very glad if the Curious would send me a Branch of it, in Leaf and Flower, with the Fruit on it.

A. 6. Stella HIBERNICA echinata. Echinaster seu Stella coriacea pentadactyla echinata D. Lhwyd; an Stella pectinata Rondel aq. 120. c. 12. Fig. 9. This that Curious Naturalist Mr. Edward Lhwyd found near Slego in Ireland, as also at Pensans in Cornwall.

* 7. Phalæna Chusan. flava, signaturis nigricantibus. This singular Moth, with several other Insects, my Curious Friend Mr. James Cunninghame sent from Chusan in China.

8. Stellula HIBERNICA glabra. Asteriscus s. Stella pentadactyla exigua, Canis marini corio utrinque munita E. Lhwyd. For this and several other elegant Species of Sea Stars, I am obliged to my Worthy Friend Mr. Edw. Lhwyd who found this at Bondrouse, in the County of Donegal in Ireland.

9. Chama MADRASPAT alba, undis castaneis. This the Reverend Dr. Lewis sent me with several other Shells from Fort St. George.

A. 10. Papilio Fritillarius minor. Mus. nost. 324. This hath been caught about Cambridge, but rare about London.

A. 11. Phalæna CANENSIS nigrescens, quatuor albis maculis aspersa. This elegant Moth I have caught in Cane Wood near Hamstead-Heath, but very rarely.

12. Anguis CAPENSIS argenteus maculatus. He seems streak'd with blewish Silver, along which are many small spots. I copied it from a Painting Dr. Sherard was pleased to favour me with.

TO MAURICE EMMET, Esq; Fellow of the Royal Society,
This Table is humbly Dedicated by JAMES PETIVER,
F. R. S.

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GAZOPHYLACII NATURÆ & ARTIS, TAB. XVII.

- X** FIG. 1. *Retrochylus parvus italicus*, an *Cochlea alba umbilicata*, limbo sento circumdata, clavicula omnino plana s. compressa *List. H.C. l. 1. Tab. 64. Fig. 62.* This is a small Testus revers, having its Head flat and Belly raised, given me by Dr. Sherard, who found it about Rome.
- X** 2. *Phalena MARIANA argentea minima, nigris maculis apiculis.*
3. *Siliquestrum RIGENSE* *Limacis cinerei facie* *Mus. Petiver. 843.* This resembles our small Slug, and like it, is whitish below, but brownish above. It was found about Riga.
4. *Buccinulum PERSICUM* *olivace, an Buccinum ? orbium leviter umbilicatum, mediis orbibus paululum tumidis* *List. H.C. l. 2. Tab. 108. Fig. 1.* This Dr. Godfreid Klamme of the Czars Physicians procured me from Persia.
- X** 5. *Simia Scurus lanuginosus fuscus, ex JOANNÆ insula. an Cercopithecus Indicus* *Bugee dictus Raii Synops. Animal. 158.* The Wool of this is brown, soft and curled like that of a Lamb, it has several properties of a Squirrel, sitting often upright when it eats, which generally is done by his Incisores, and reflecting his bushy Tail. This strange Creature is now alive (viz. May 1703.) at Mr. Dottins a Druggster in Newgatestreet, who had him about 12 months since brought from Joanna. His Delineation was taken by that Celebrated Anatomist Mr. William Cowper.
- X** A. 6. *Cochleola alba fasciata CANTABRIG.* *umbilico parvo. an Cochlea alba leviter umbilicata, pluribus fasciis circumdata, clavicula productione* *List. H.C. l. 1. Tab. 59. Fig. 56.* I observed these on New-Market-Heath near Cambridge.
7. *Phalena MARIANA percruciata.*
8. *Phalena MARIANA fulvescens cruciata.* This is a Kind of the last, but the cross here goes not to the edges of the Wings.
- A. 9. *PeFunculus minimus lævis, intus argenteus, cardine ferratâ* *Mus. Petiver. 841.* Silver Gochle. Found on our own Coast.
10. *Taggee GUINEENSIBUS, Radix forte Trasi generis.* This seems to be a Root of a sort of Cyperus, has a thin Skin, and eats as pleasant as an Almond: Mr. Rich. Roberts gave

gave me some of these, who brought them from the Gold Coast in Guinea.

X 11. *Scarabeolus* MARIAN. *exiguus*, *vaginis lutescentibus*, *striis nigris distinctus*. Its Shoulders are yellower than the Sheath Wings, its Horn very fine, long, black, and jointed.

X 12. *Phalenoidea* Apiformis MARIAN. *splendore nigrescent*. *argenteis maculis eleganter aspersis*. This singular Insect, with the last, and Fig. 2. the Reverend Mr. Hugh Jones sent me from Maryland.

13. *Filicula* à *Gallipoli villosa*, *Asplenii facie*. an *Lonchitis aspera Ilvensis* Lugd. 1221. Fig. an *Lonchitis folio Ceterach* C. B. 359. 3. under which name he hath confounded four if not more Plants together. I am very much obliged to Mr. Baker at Gallipoly for this Plant, who sent it me by the Name of *Ceterach*, there being some amongst it.

To Dr. RICHARD RICHARDSON Physician at North Bierly in Yorkshire, This Table is humbly dedicated by JAMES PETIVER. F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XVIII.

FIG. 1. *Buccinum nigrescens*, *maculis albis aspersis*, ore *gibboso purpurascens*.

A. 2. *Cochleola fluviatilis*, *gyris alre incis*. I have observed this in Fresh water, and if I mistake not, in the New River. X

3. *Phalena maxima* CHUSAN. *obscura fusca*, *marginibus eleganter undulatis*. This large and elegant Moth, altogether new, Mr. James Cuninghame sent from Chusan. X

4. *Tellina parva radiata*, *intus omnino purpurascens*. These are pretty common in Rock-work, but I know not where they are found.

A. 5. *Buccinum CORNUBIENSE* à *Castaneo & albo fasciatum*. Dells Winckle: He first sending it me from the Lands end. Mr. Dandridge hath also observed it about Deal and Dover. X

6. *Sideroon sive Serpentaria mirabilis montana* Kiaz. Phyt. Curios. Fig. 213. *Berg-Slangen Kruid* Belg. Munt. Herb. p. 751, cap. 330. This very odd Plant is said to grow on the Mountains of Stiria and Hungary. I suspect this Figure is too much humored, and doubted whether there were such a Plant in Nature.

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Nature, until Dr. Sherard, that most accurate Botanist told me he saw a Design of it done by that Laborious Naturalist Conradus Gesner, amongst the Figures of two Volumes of Plants, being such he had observ'd growing about him. These are now in the Hands of Dr. John George Volkamer, Physician at Nuremberg: I shall be very much obliged to him or any other, who will be pleas'd to send me a Specimen of it.

7. *Cardamomum Luzonicum Coniforme Ticala dictum.* The Reverend Father Cameli sent over the Design of this elegant Plant. Its Description you may suddenly expect to see in the third Volume of Mr. Ray's Universal History of Plants, which is now in the Press.

X A. 8. *Cochleola oblonga fluviatilis.* an *Cochlea parva subflava intra 5 spiras finita* List. H. An. Angl. p. 135. Fig. 19. an *Cochlea parva pellucida, operculo testaceo cochleatoque clausa* List. H.C. 1.2. Tab. 132. Fig. 32. This is no bigger than a small Cherry-stone, oval, and not above half an Inch long, whereas Dr. Lister describes his to be as big as a Horse-Bean, and three or four Inches long. I find this in the Thames and New-River.

A. 9. *Cylindrus lapideus Byerleus compressior Echini facie, acetabulis majoribus oblongis, è puteis Carbonariis,* R. Richardson. This Curious Naturalist and Physician Dr. Rich. Richardson found this in the Coal Mines belonging to Mr. Will. Pollard near North Byerly in Yorkshire.

A. 10. *Papilio LINCOLNIENSIS Fritillarius, fasciis subitis pallidis.* The Lincolnshire Fritillary. First observed there, and given me by Madam Glanville. The Curious Mr. Dandridge hath lately caught him not far from London.

A. 11. *Cylindrus lapideus Byerleus compressior Echinita laticlavii maximi facie, acetabulis rotundis è puteis Carbonariis* R. Richardson. Observed in the same place with Fig. 9.

12. *Ostrea Ulyssiponensis minor rugosa.* Mr. Jexreel Jones his Lisbon Oyster. First observ'd by him on the shores near that City.

To the most Learned Dr. WILLIAM SHERARD, Consul of SMYRNA, This Table is humbly Dedicated by JAMES PETIVER, F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XIX.

A. FIG. 1. *Schistus Byerleus impressis reticulatis*. Taken from a Design which Dr. Richardson was pleased to present, with several others, to Dr. Sloan, of such Fossils as he had observed near his own Habitation at North Byerly in Yorkshire.

A. 2. *Scarabeus arboreus major Castaneus*. The great Brown-Tree-Chaffer. Goed. 178. Tab. 78. List. in Goed. 265. Fig. 111. id. app. Scarab. Angl. Tab. 1. Fig. 1. an *Scarabeus arboreus* Maff. 160. Fig. id. A. 1014. Gr. V. 1. p. 9. Tab. 4. an Hoef. Tab. 16. Fig. 12. an Aldr. Insect. Tab. 5. Fig. 2. p. 453. id Fr. 178. Jonst. Insect. Tab. 14. The Dorr or Hedge-Chaffer, Mus. Regal. Soc. 168. Very common all the Summer.

A. 3. *Phalena OCCIDENTAL. fulva, trifasciata*. Given me by Madam Glanvil, and is the only one I have yet seen.

4. *Phalena fasciata perelegans, extremitatibus ferratis*. an Goed. 155. Tab. 67. List. in Goed. 81. Fig. 30. id. A. 38. The Furbeloe. I first caught this at Sir Francis Leigh's in Kent. Mr. Antrobus and Madam Glanville have also sent it me.

5. *Sagittaria CHINENSIS foliis ternis longissimis* Herb. noft. Chin. Tab. 12. Fig. 3. Sa heo chaw Indigenis.

6. *Ranunculus globosus CHINENS. fl. pleno Aurantiaco*. Witung te hoa. Herb. noft. Chin. Tab. 18. Fig. 18. This is a beautiful Plant, and would be a fine Ornament in our Gardens.

7. *Calceolus PHILIPPENS. pumila, Plantaginis folio rad. Alexipharmaca*. an Katsula Kelengu Malab. Capura Catari Brom. Hort. Malab. V. XI. Tab. 41. p. 81. Dose aut Dusu Luzonensibus, in Samar & Leyte Gozol. Sinæ Sandlay & in Yucatan Scabal chau i. e. Reginam Plantarum vocatur. This Sovereign Plant I have figured from a Design of the Reverend G. Jos. Camely, formerly sent to Mr. Ray and me, which he says grows in shady moist places on the dewy Mountains of Silan.

8. *Arbor MANILENSIS Juglandis folio pentapetala, cortice Emetico*. Mananangtang Indigenis or Jail-deliverer, aliis Tambal seu Medicina de Carigara, ubi abundat. A Dram of the innermost or third Bark of this Tree, is given in powder

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as a very successful Vomit in Fevers, ill Habits, and the Dropsie; it also expels Poison, and brings away Worms. I received this from the same hand, with the last, it grows plentifully in many places of the Philippines.

- x 9. *Cylindrus* MADRAS PAT. medio nebuloso, claviculâ carneâ. an *Rhombus* ventricosus, callosâ columellâ. List. H. C. l. 4. S. 10. c. 3. Tab. 723. Fig. 10? This and the two next the Reverend Dr. George Lewis sent me from Port St. George.
- x 10. *Buccinum* MADRAS PAT. nodosum, striis fasciatis.
- x 11. *Tellina* MADRAS PAT. triquetra, medio fasciata, extremitatibus ressulatis.
- x A. 12. *Entrochus* SEPTENTRIONAL. major compressus. Dr. R. Richardson was pleased to send me this amongst many other uncommon Fossils.

To the Reverend Mr. WILLIAM STONESTREET,
This Table is humbly Dedicated by JAMES PETIVER.
F. R. S.

GAZOPHYLACII NATURÆ & ARTIS, TAB. XX.

FIG. 1. *Nodiflora* MANILENSIS *Onobrychidis* folio, *Rutæ* odore. *Rutæ* Luzon. sylvestris *Spicata* Camel.

2. *Amomum* verum *Encalada*. This is figured from a design which P. J. *Encalada* sent to Father Camel, from whom I had it. The *Cassamuniar* very much resembles it, which I have given a Figure of in my third Decade, Tab. 27.

3. *Hemionitis* LUSON. 1. f. H. minima vario & gratioso folio Camel. It sports variously in its Leaves, and grows about a Span high.

4. *Trochus* INDICUS & rubro & pallido radiatus, Brought me by Mr. John Stocker from the Bay of Bengale.

5. *Macer* veterum C. B. 408. *Macer* *Gracorum* Park. 1390. c. 36. Fig. p. 1688. *Macer* *Dioscorid.* & *Gracorum* J. B. l. 3. p. 262. Fig. *Chabr.* 18. Fig. 3. *Macer* arbor *Antiquorum* Kiegl. Phyt. Curios. Fig. 13. *Macer* boom der *Ouden Belg.* Munt. Herb. 88. *Ulmo* affinis, fructu vesiculis membranaceis & semine intus incluso composito Rati Hist.

Hist. Plant. 1779. c. 1. This strong and much desired Tree, the Portuguese call *Arbore de las Camaras* & *Arbore Sancta* i.e. *Arbor Dysentericæ* & *Arbor Sancta*. The Arabian Physicians call it *Macre*, and the Malabar *Arbore de Sancto Thomæ* & *Macayren*. *Avicenna* says the Arabians call the Bark of the Root *Talisar*, and all the Indian Physicians use it with wonderful success in Dysenteries, and other Fluxes. It is said to grow in divers parts of the East-Indies: I hope therefore it is not impossible to procure Specimens of its Leaf and Fruit.

6. *Piscis Brasiliæ cornutus*. The American Toad-Fish. *Willughbeii*. Hist. Piscium p. 90. c. 3. Tab. H. 2. Fig. 1. *Guaperva Brasil*. *Marcgr.* 150. Fig. *Jonst. Pisc.* Tab. 36. Fig. 6. p. 40. Desc. *Pira Utoewah*. *Loef.* Gall. 510. Fig. The Brasil Toad-Fish. This is found on the shores of Brazil, and several other Coasts of the West-Indies.

7. *Bagre Brasiliæ corpore maculato*. *Bagre* 2 *Will.* Hist. Pisc. Tab. H. 7. sine descr. *Bagre* 4 *Jonst. Pisc.* Tab. 36. Fig. 4. p. 143. desc. *Bagre alia species* s. *ultima Marcgr.* 174. Fig. & desc. *Curui* 1. *Pison.* Ed. 2. p. 63. Fig. It is a very wholesome Fish, and found plentifully in St. Francis his River in Brasile.

8. *Carabus BENGALENSIS è cupreo virescens*. Given me by Mr. John Stocker.

9. *Cochlea inversa, dentato ore*. *Cochlea variegata* 7 dentibus donata scilicet 2 in fundo oris & 3 ad labrum, claviculâ inversâ. *Liss. H. C. L. 1.* Tab. 99. Fig. 100. *Cochlea turbine antico*. The Fore whorl'd Snail. *Mus. Regal. Societ.* 136. Tab. XI. Fig. 3. *Bonau.* p. 161. Fig. 330. & 1. The Topfig Turvy Snail.

10. *Cancer Agathensis testâ variegatâ*. *Cancer varius* s. *marmoratus Randal.* *Pisc.* l. 18. c. 20. p. 566. *id.* *Gall.* 406. *Gesn. nom. aq.* 206. Fig. 3. s. ult. *id.* *Hist. aq.* 186. Fig. 1. *id.* *Fr.* 158. Fig. 1. *Aldr. An. ex.* 200. c. 22. Fig. *id.* *Fr.* 67. Tab. 4. p. 66. Fig. 3. *Cancer marmoratus* s. *varius Jonst.* *An. ex.* 22. Tab. 6. Fig. & Tab. 7. Fig. 13. *Rondelet's Marble Crab*. This be no where observed but on the rocky shores of Agde in Languedoc.

11. *Cancer Lerina Insula chelis curtis sed cruribus longis*. *cancer* *Beauvill.* *Rond.* 568. Fig. *id.* *Gall.* 407. c. 20. Fig. *Jonst. An. ex.* 23. Tab. 6. Fig. 12. *Aldr. An. ex.* 205. Fig. 3. *id.*

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id. Fr. Tab. 4. p. 66. Fig. 16. *Gefu.* nom. aq. 207. Fig. 1.
id. Hist. aq. 186. Fig. 2. *id.* Fr. 158. Fig. 2. The short
Claw'd *Lerina* Crab. This is rarely met with, but on St. Ho-
norat an Island formerly call'd *Lerina* near Antibes in Pro-
vence.

12. *Lacertus squamosus minor setulis asperis.* an *De-*
mon *Thebanicus junior ad singulas squamas pilis in-*
structus seu *μαρμαρυγος* *squamatus Thebanicus* Mus. Leyd.
Mus. N° 295. This intire Animal, Madam Herman sent me
some time since from Leyden.

To Dr. JOHN WOODWARD, M. D. Physick Professor of
Gresham College, and one of the College of Physicians,
LONDON, This Table is humbly dedicated by JAMES
PETIVER, F. R. S.

F I N I S

